

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061422\
 Data File : BF128815.D
 Acq On : 14 Jun 2022 22:43
 Operator : CG\JU
 Sample : N3328-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BU-02-061022

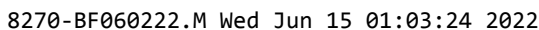
Quant Time: Jun 15 01:03:21 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 14 14:53:53 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	64539	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	219140	20.000	ng	# 0.00
39) Acenaphthene-d10	9.822	164	104283	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	186119	20.000	ng	# 0.00
76) Chrysene-d12	13.957	240	153327	20.000	ng	0.00
86) Perylene-d12	15.415	264	114537	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	423376	104.490	ng	0.00
7) Phenol-d6	6.439	99	508160	102.742	ng	0.00
23) Nitrobenzene-d5	7.345	82	334193	71.003	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	125507	101.860	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	598844	80.441	ng	0.00
79) Terphenyl-d14	12.904	244	659197	74.706	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.345	70	46984	15.278	ng	# 78
25) Isophorone	7.345	82	334187	46.749	ng	# 65
51) 2,6-Dinitrotoluene	9.822	165	13636	9.679	ng	# 26
67) 4-Bromophenyl-phenylether	10.616	248	8200	3.951	ng	# 1
71) Phenanthrene	11.333	178	67463	7.227	ng	98
72) Anthracene	11.386	178	20260	2.193	ng	99
75) Fluoranthene	12.527	202	97604	10.002	ng	95
78) Pyrene	12.757	202	93994	8.240	ng	98
81) Benzo(a)anthracene	13.945	228	45112	4.720	ng	# 94
83) Chrysene	13.980	228	42370	4.650	ng	# 94
87) Indeno(1,2,3-cd)pyrene	16.856	276	14158	2.051	ng	# 91
88) Benzo(b)fluoranthene	14.992	252	52850	7.221	ng	# 74
89) Benzo(k)fluoranthene	14.992	252	52850	7.676	ng	# 74
90) Benzo(a)pyrene	15.351	252	28215	4.905	ng	# 64
92) Benzo(g,h,i)perylene	17.298	276	15951	2.811	ng	# 81

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quant Time: Jun 15 01:03:21 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 14 14:53:53 2022
Response via : Initial Calibration

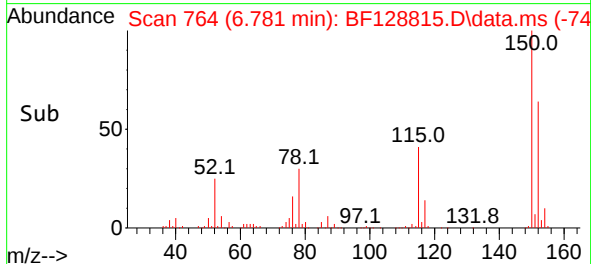
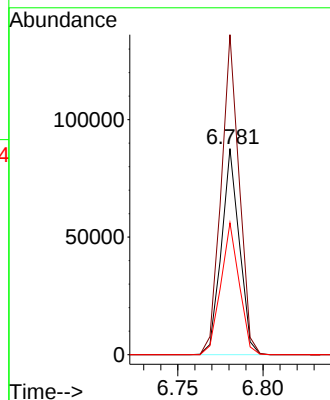
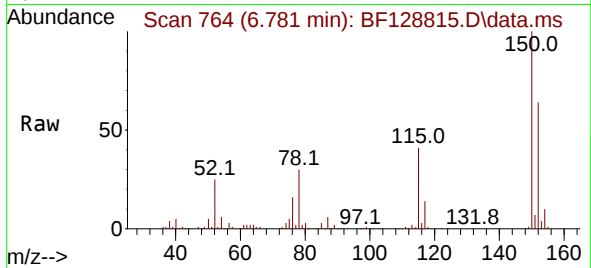




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 772
Delta R.T. -0.000 min
Lab File: BF128815.D
Acq: 14 Jun 2022 22:43

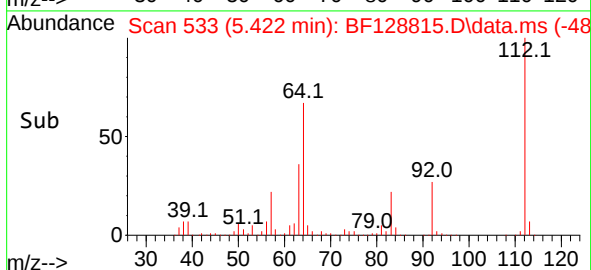
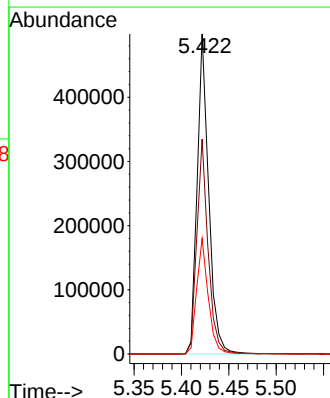
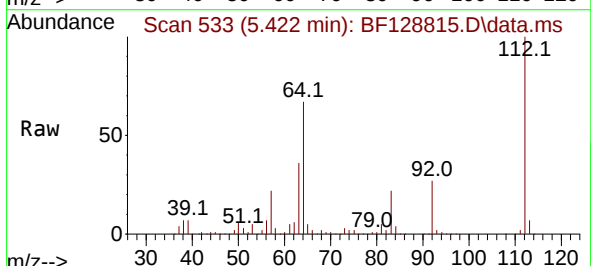
Instrument :
BNA_F
ClientSampleId :
BU-02-061022

Tgt Ion:152 Resp: 64539
Ion Ratio Lower Upper
152 100
150 155.2 123.7 185.5
115 63.9 49.9 74.9



#5
2-Fluorophenol
Concen: 104.490 ng
RT: 5.422 min Scan# 533
Delta R.T. 0.006 min
Lab File: BF128815.D
Acq: 14 Jun 2022 22:43

Tgt Ion:112 Resp: 423376
Ion Ratio Lower Upper
112 100
64 67.1 53.3 79.9
63 36.1 28.0 42.0

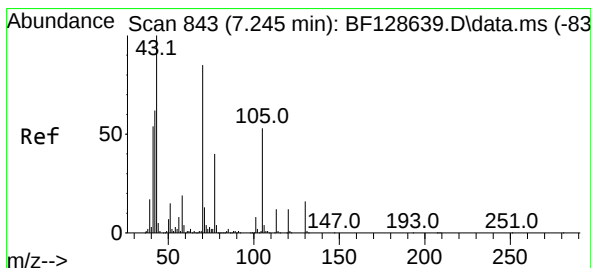
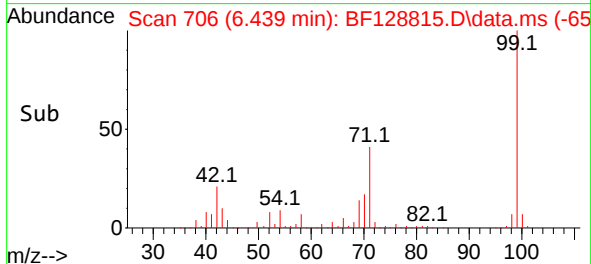
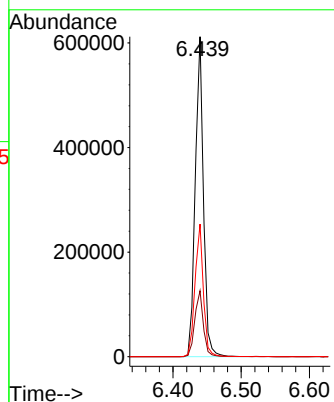
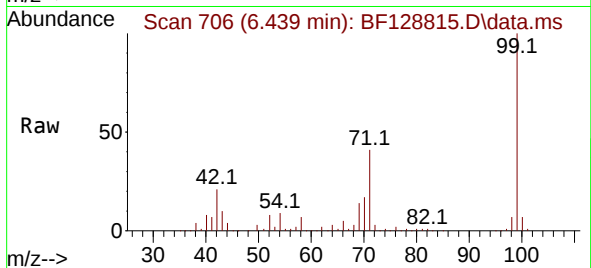




#7
Phenol-d6
Concen: 102.742 ng
RT: 6.439 min Scan# 716
Delta R.T. -0.000 min
Lab File: BF128815.D
Acq: 14 Jun 2022 22:43

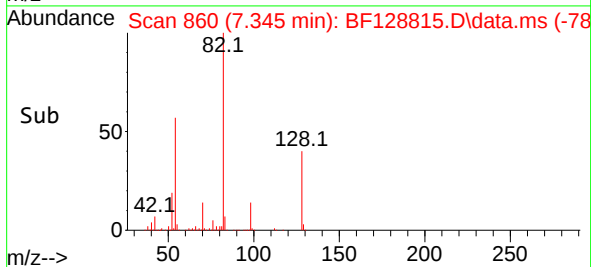
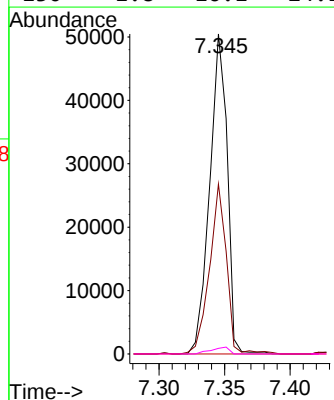
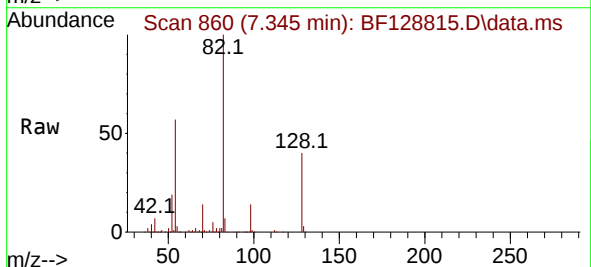
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BNA_F
ClientSampleId :
BU-02-061022

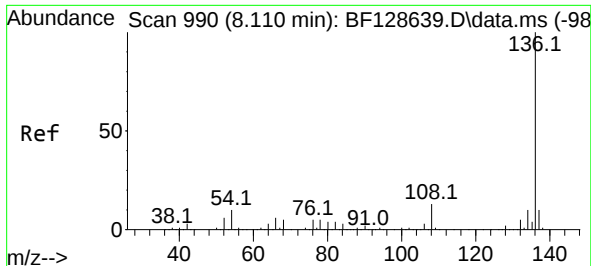
Tgt Ion: 99 Resp: 508160
Ion Ratio Lower Upper
99 100
42 20.6 17.3 25.9
71 41.5 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 15.278 ng
RT: 7.345 min Scan# 860
Delta R.T. 0.141 min
Lab File: BF128815.D
Acq: 14 Jun 2022 22:43

Tgt Ion: 70 Resp: 46984
Ion Ratio Lower Upper
70 100
42 53.1 52.3 78.5
101 0.0 7.5 11.3#
130 1.8 16.1 24.1#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.063 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF128815.D

Acq: 14 Jun 2022 22:43

Instrument :

BNA_F

ClientSampleId :

BU-02-061022

Tgt Ion:136 Resp: 219140

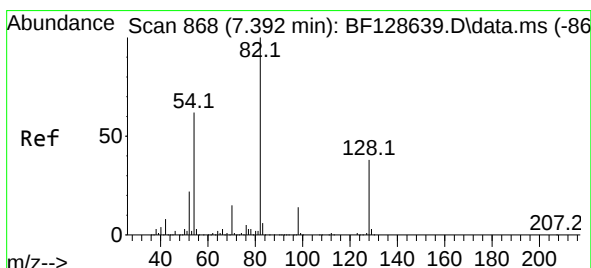
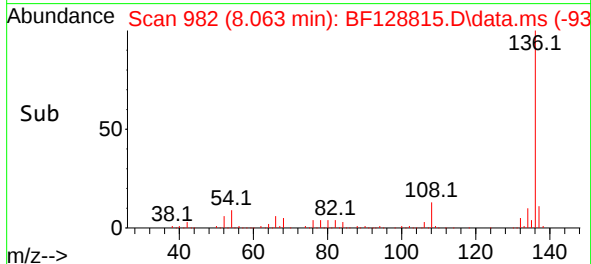
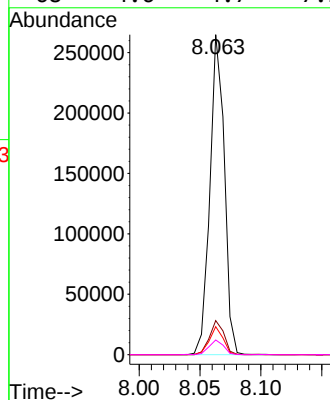
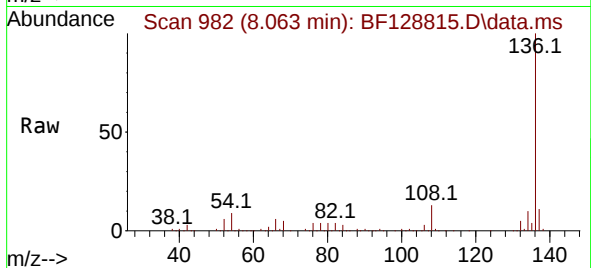
Ion Ratio Lower Upper

136 100

137 10.6 8.8 13.2

54 8.7 7.5 11.3

68 4.6 4.7 7.1#



#23

Nitrobenzene-d5

Concen: 71.003 ng

RT: 7.345 min Scan# 860

Delta R.T. -0.006 min

Lab File: BF128815.D

Acq: 14 Jun 2022 22:43

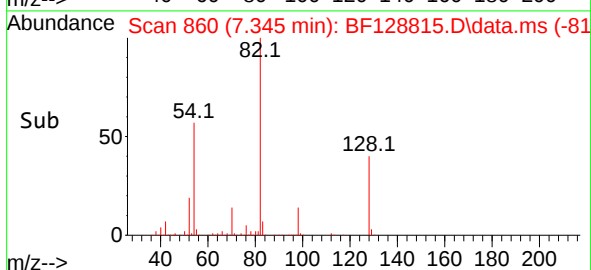
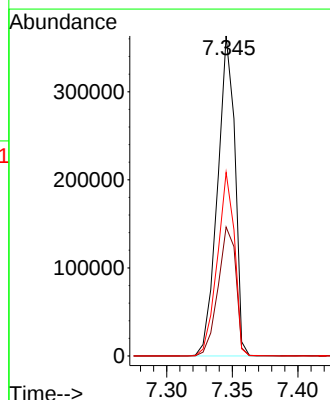
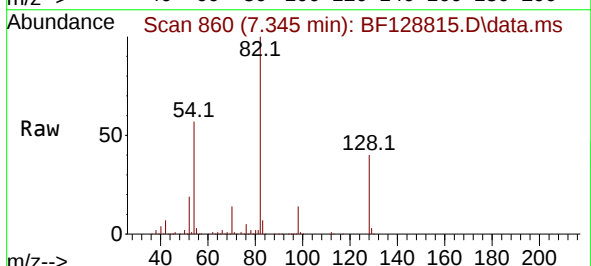
Tgt Ion: 82 Resp: 334193

Ion Ratio Lower Upper

82 100

128 40.3 34.0 51.0

54 57.4 46.9 70.3

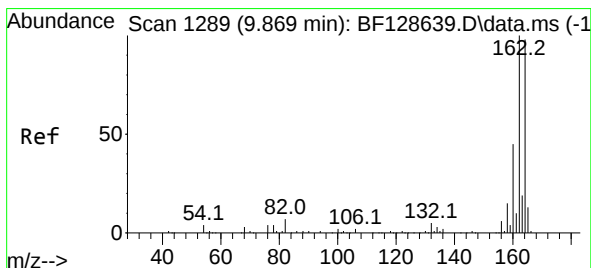
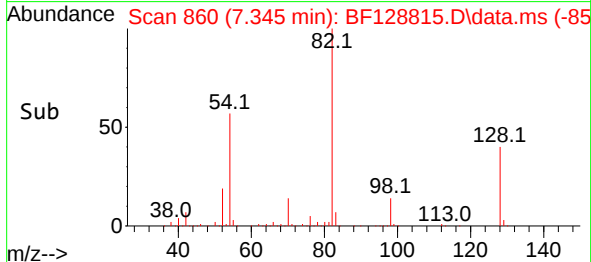
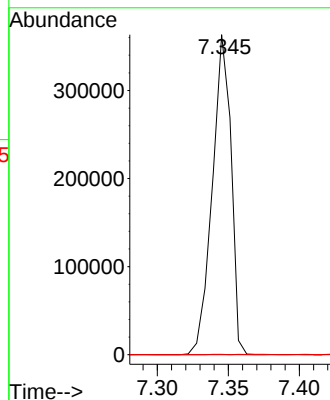
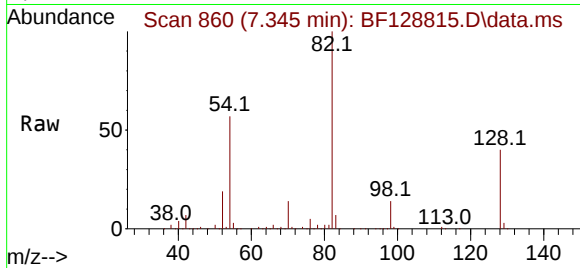




#25
Isophorone
Concen: 46.749 ng
RT: 7.345 min Scan# 80
Delta R.T. -0.265 min
Lab File: BF128815.D
Acq: 14 Jun 2022 22:43

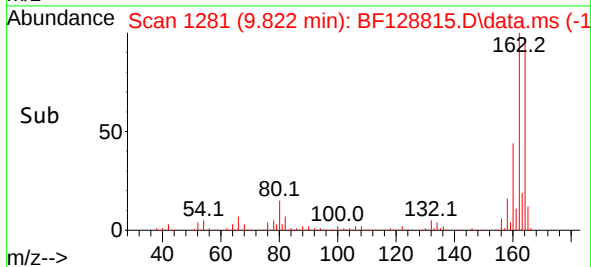
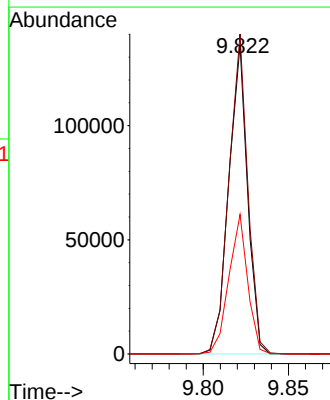
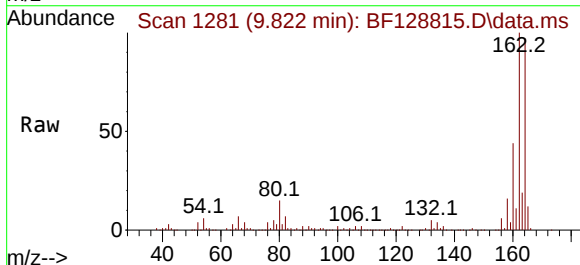
Instrument :
BNA_F
ClientSampleId :
BU-02-061022

Tgt Ion: 82 Resp: 334187
Ion Ratio Lower Upper
82 100
95 0.1 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1281
Delta R.T. -0.006 min
Lab File: BF128815.D
Acq: 14 Jun 2022 22:43

Tgt Ion:164 Resp: 104283
Ion Ratio Lower Upper
164 100
162 103.4 79.5 119.3
160 45.1 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 101.860 ng

RT: 10.616 min Scan# 1416

Delta R.T. -0.006 min

Lab File: BF128815.D

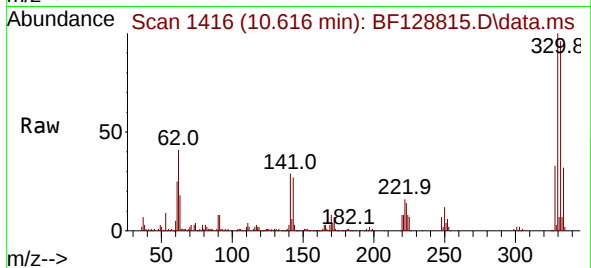
Acq: 14 Jun 2022 22:43

Instrument :

BNA_F

ClientSampleId :

BU-02-061022



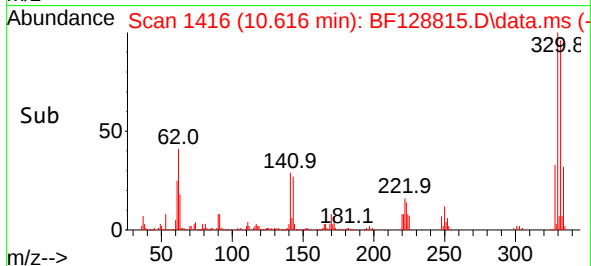
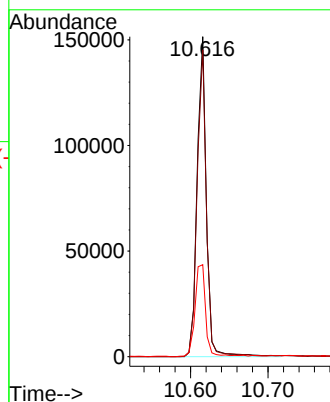
Tgt Ion:330 Resp: 125507

Ion Ratio Lower Upper

330 100

332 96.1 76.8 115.2

141 33.5 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 80.441 ng

RT: 9.145 min Scan# 1166

Delta R.T. -0.000 min

Lab File: BF128815.D

Acq: 14 Jun 2022 22:43

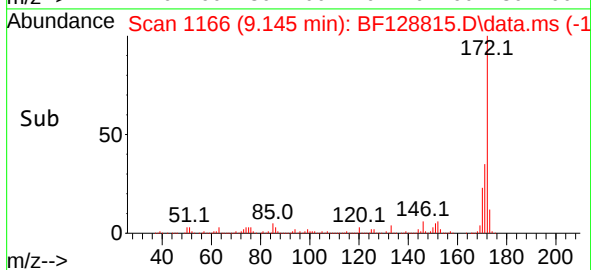
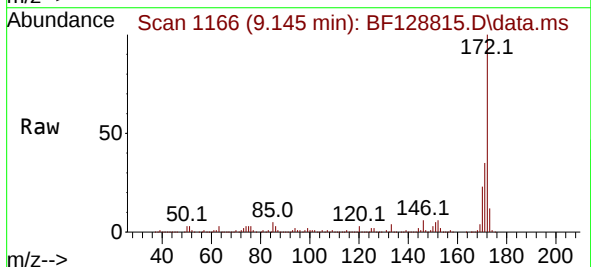
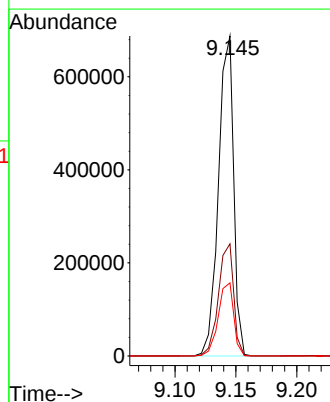
Tgt Ion:172 Resp: 598844

Ion Ratio Lower Upper

172 100

171 35.1 28.8 43.2

170 22.9 19.8 29.8

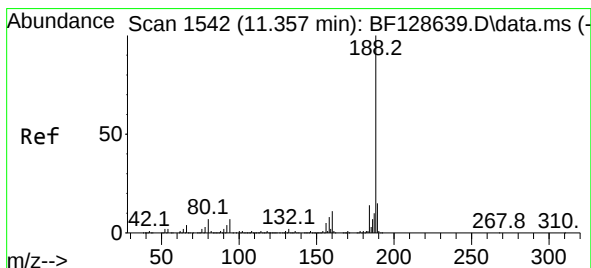
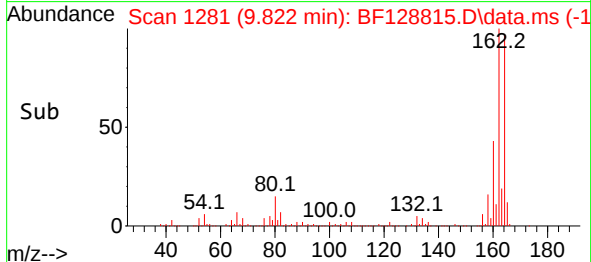
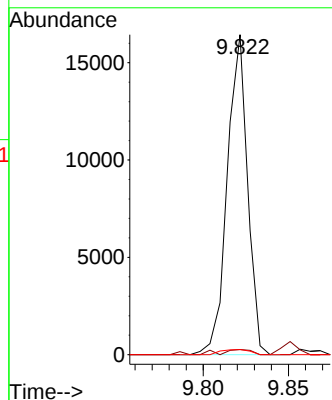
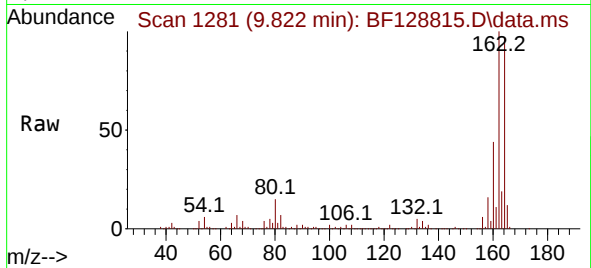




#51
2,6-Dinitrotoluene
Concen: 9.679 ng
RT: 9.822 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF128815.D
Acq: 14 Jun 2022 22:43

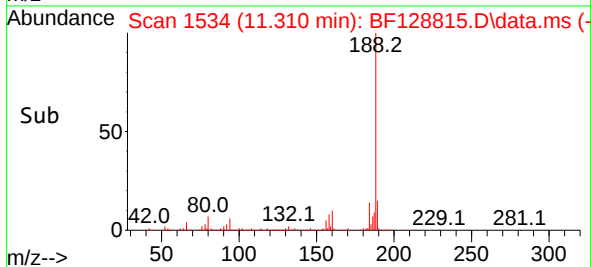
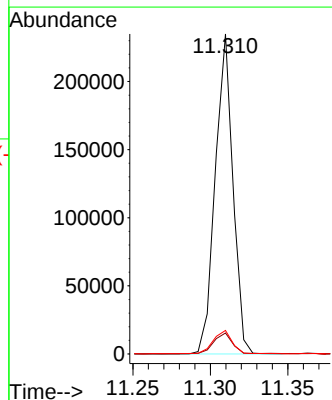
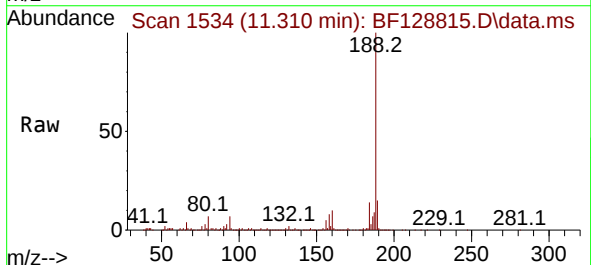
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ClientSampleId :
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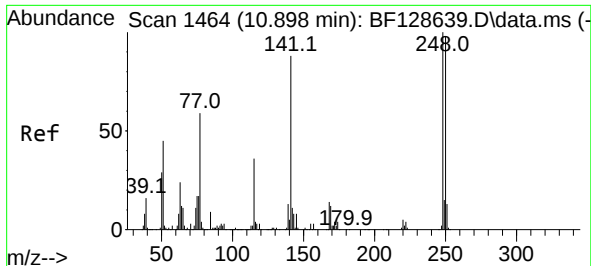
Tgt Ion:165 Resp: 13636
Ion Ratio Lower Upper
165 100
63 1.6 44.9 67.3#
89 1.6 43.6 65.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1534
Delta R.T. -0.006 min
Lab File: BF128815.D
Acq: 14 Jun 2022 22:43

Tgt Ion:188 Resp: 186119
Ion Ratio Lower Upper
188 100
94 6.6 7.0 10.6#
80 7.4 7.6 11.4#

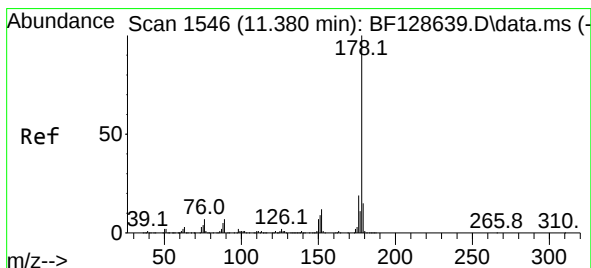
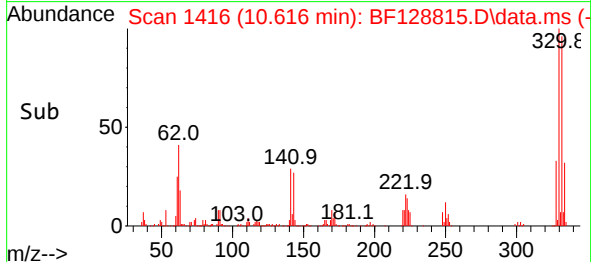
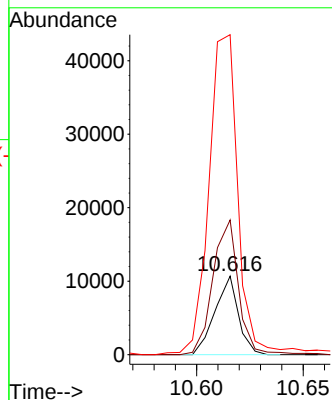
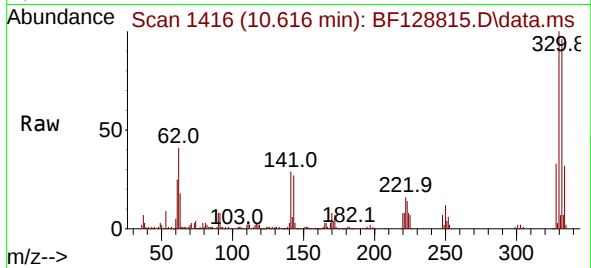




#67
4-Bromophenyl-phenylether
Concen: 3.951 ng
RT: 10.616 min Scan# 1416
Delta R.T. -0.241 min
Lab File: BF128815.D
Acq: 14 Jun 2022 22:43

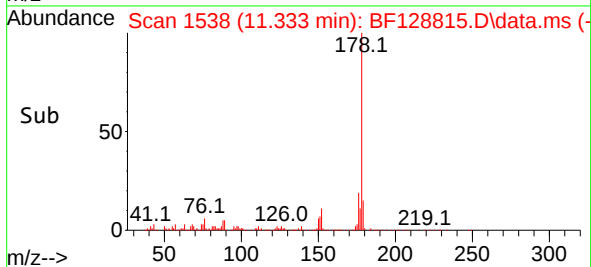
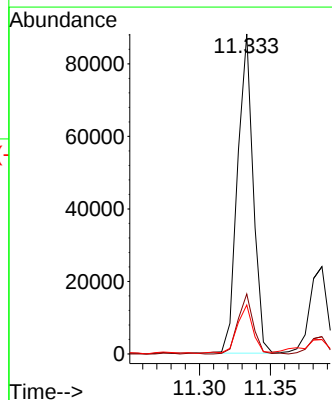
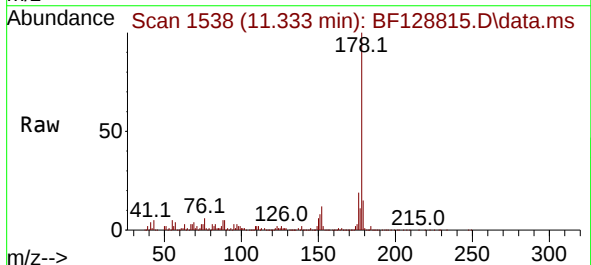
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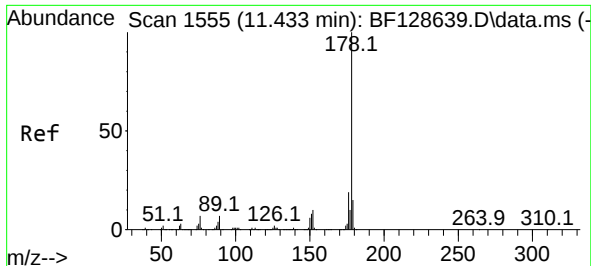
Tgt Ion:248 Resp: 8200
Ion Ratio Lower Upper
248 100
250 171.4 80.6 120.8#
141 407.0 58.9 88.3#



#71
Phenanthrene
Concen: 7.227 ng
RT: 11.333 min Scan# 1538
Delta R.T. -0.006 min
Lab File: BF128815.D
Acq: 14 Jun 2022 22:43

Tgt Ion:178 Resp: 67463
Ion Ratio Lower Upper
178 100
176 18.7 16.0 24.0
179 15.3 12.6 19.0

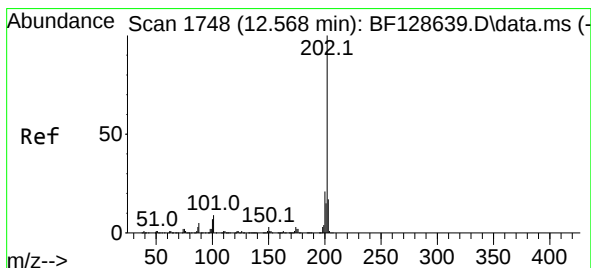
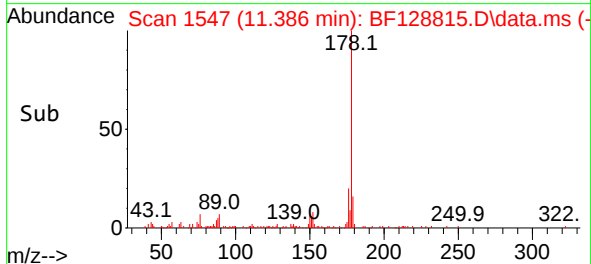
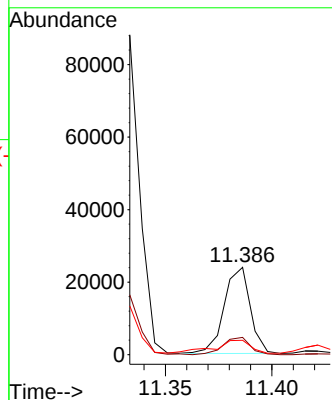
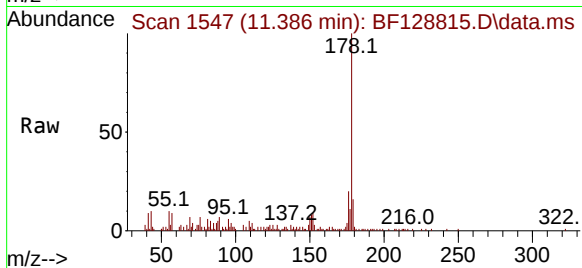




#72
 Anthracene
 Concen: 2.193 ng
 RT: 11.386 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF128815.D
 Acq: 14 Jun 2022 22:43

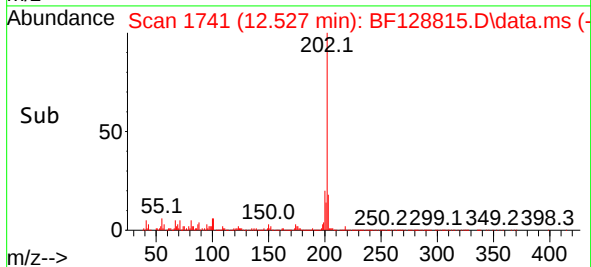
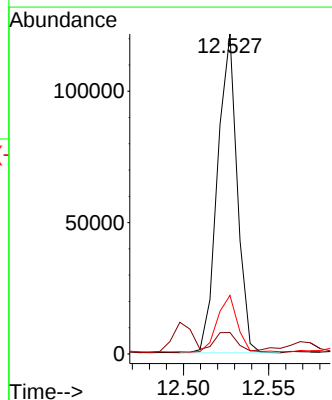
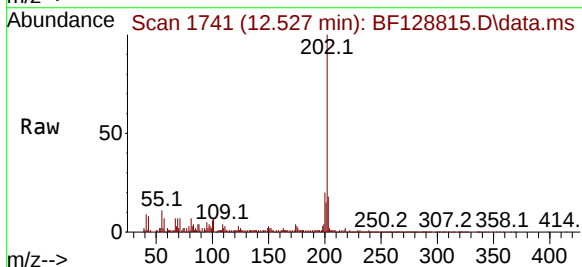
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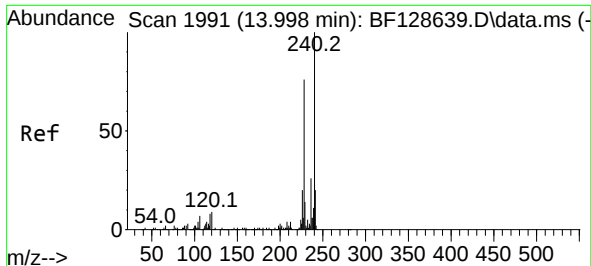
Tgt Ion:178 Resp: 20260
 Ion Ratio Lower Upper
 178 100
 176 19.7 15.4 23.2
 179 16.4 12.6 19.0



#75
 Fluoranthene
 Concen: 10.002 ng
 RT: 12.527 min Scan# 1741
 Delta R.T. -0.000 min
 Lab File: BF128815.D
 Acq: 14 Jun 2022 22:43

Tgt Ion:202 Resp: 97604
 Ion Ratio Lower Upper
 202 100
 101 6.7 0.0 31.4
 203 18.3 0.0 38.0

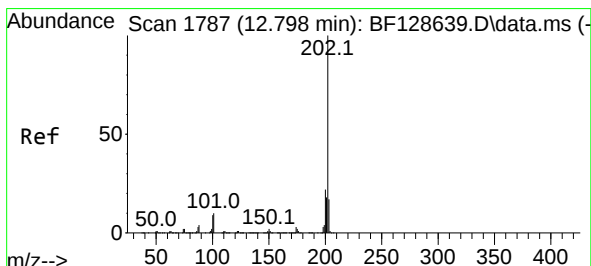
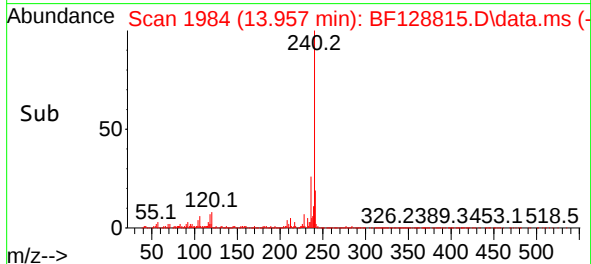
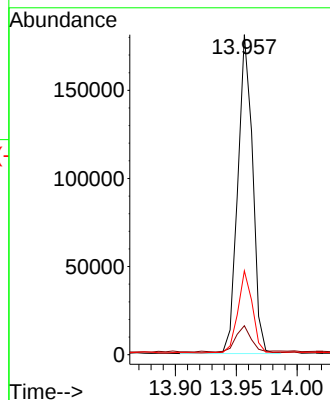
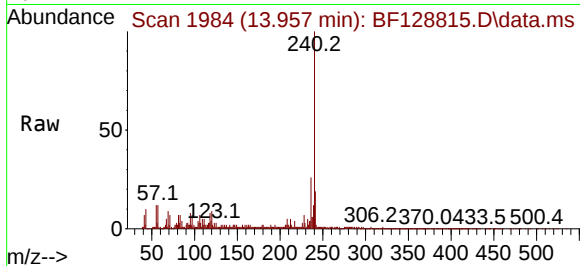




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.957 min Scan# 1991
Delta R.T. -0.006 min
Lab File: BF128815.D
Acq: 14 Jun 2022 22:43

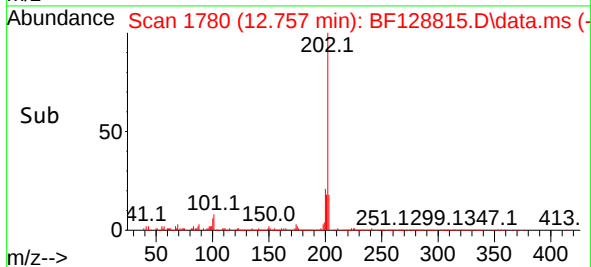
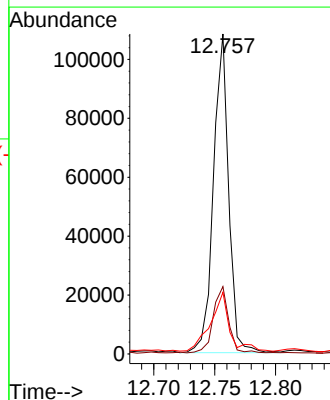
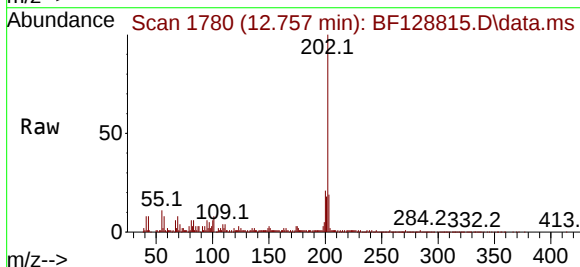
Instrument :
BNA_F
ClientSampleId :
BU-02-061022

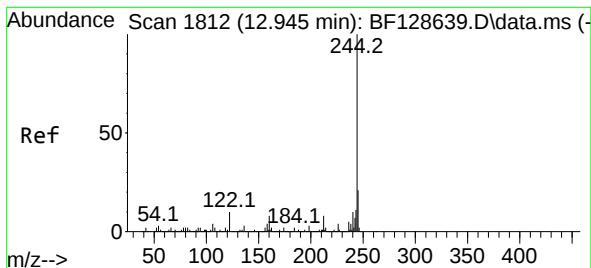
Tgt Ion:240 Resp: 153327
Ion Ratio Lower Upper
240 100
120 9.1 8.9 13.3
236 26.2 20.8 31.2



#78
Pyrene
Concen: 8.240 ng
RT: 12.757 min Scan# 1780
Delta R.T. -0.000 min
Lab File: BF128815.D
Acq: 14 Jun 2022 22:43

Tgt Ion:202 Resp: 93994
Ion Ratio Lower Upper
202 100
200 21.1 17.7 26.5
203 19.3 14.6 21.8





#79

Terphenyl-d14

Concen: 74.706 ng

RT: 12.904 min Scan# 1805

Delta R.T. -0.000 min

Lab File: BF128815.D

Acq: 14 Jun 2022 22:43

Instrument :

BNA_F

ClientSampleId :

BU-02-061022

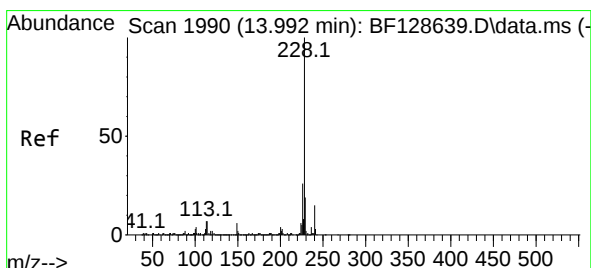
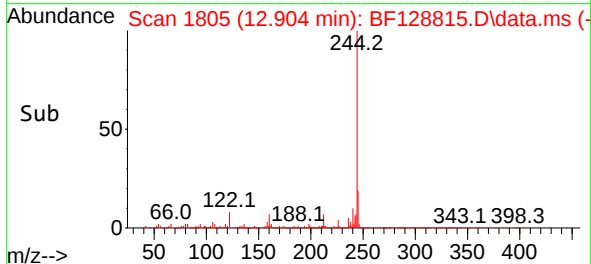
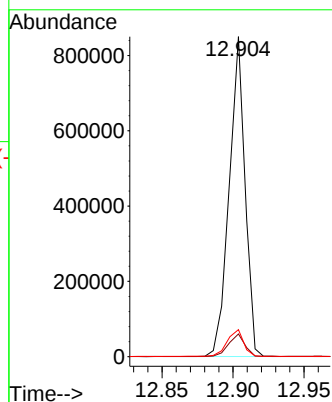
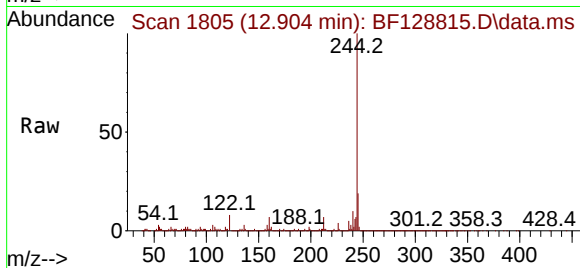
Tgt Ion:244 Resp: 659197

Ion Ratio Lower Upper

244 100

212 7.1 6.1 9.1

122 8.4 8.8 13.2#



#81

Benzo(a)anthracene

Concen: 4.720 ng

RT: 13.945 min Scan# 1982

Delta R.T. -0.006 min

Lab File: BF128815.D

Acq: 14 Jun 2022 22:43

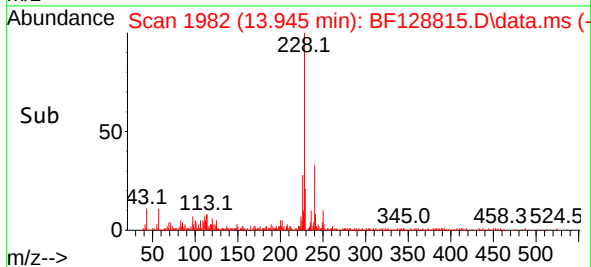
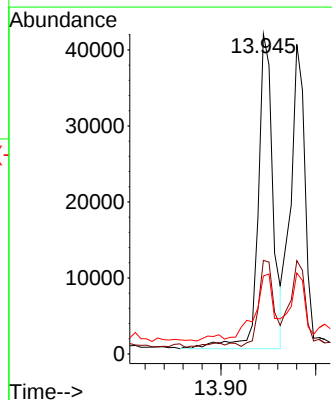
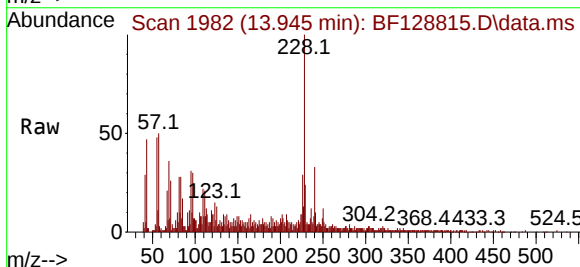
Tgt Ion:228 Resp: 45112

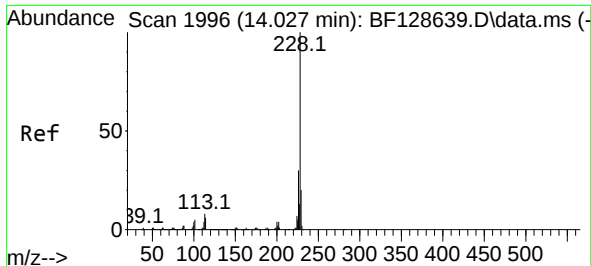
Ion Ratio Lower Upper

228 100

226 29.2 22.1 33.1

229 24.3 15.8 23.8#

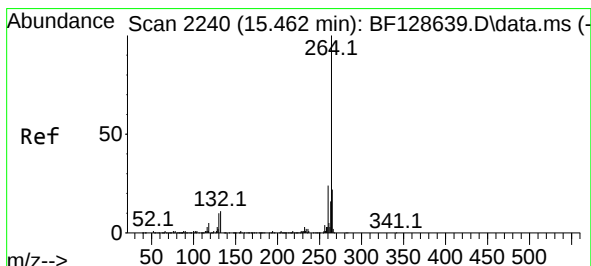
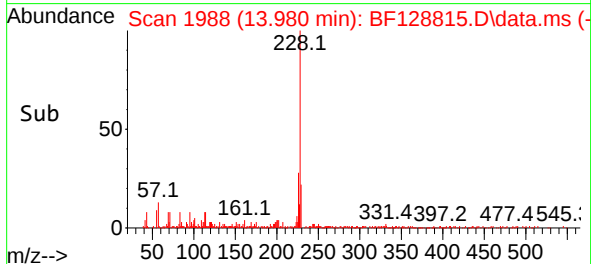
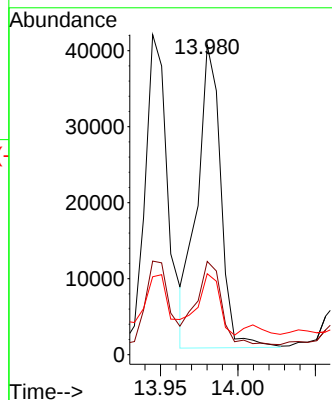
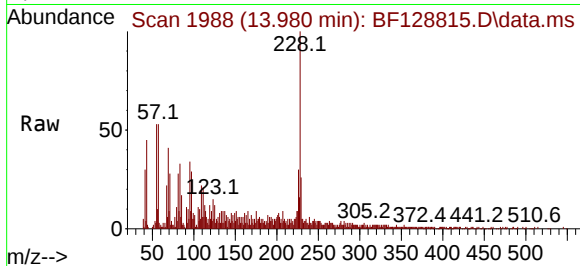




#83
Chrysene
Concen: 4.650 ng
RT: 13.980 min Scan# 1996
Delta R.T. -0.012 min
Lab File: BF128815.D
Acq: 14 Jun 2022 22:43

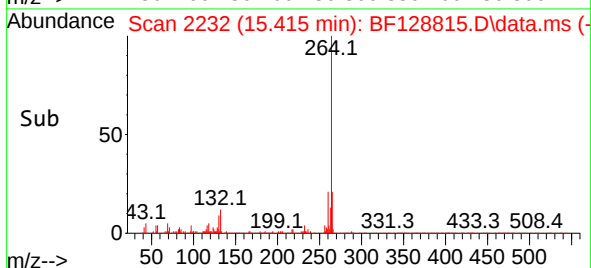
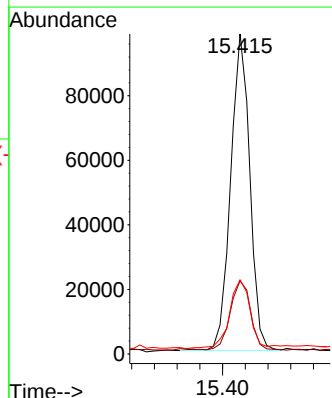
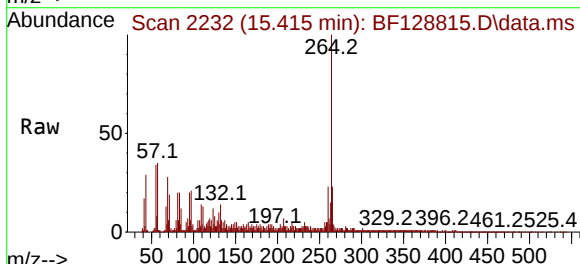
Instrument :
BNA_F
ClientSampleId :
BU-02-061022

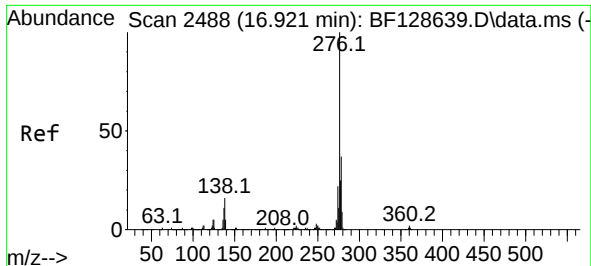
Tgt Ion:228 Resp: 42370
Ion Ratio Lower Upper
228 100
226 30.1 24.3 36.5
229 26.1 15.9 23.9#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.415 min Scan# 2232
Delta R.T. -0.000 min
Lab File: BF128815.D
Acq: 14 Jun 2022 22:43

Tgt Ion:264 Resp: 114537
Ion Ratio Lower Upper
264 100
260 22.9 18.4 27.6
265 23.2 17.2 25.8

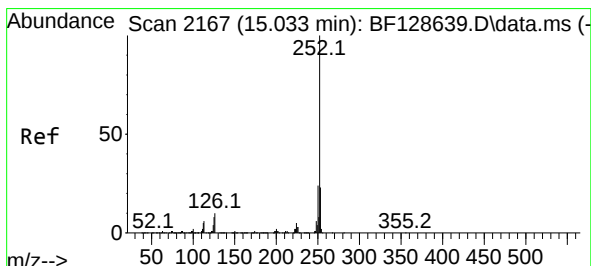
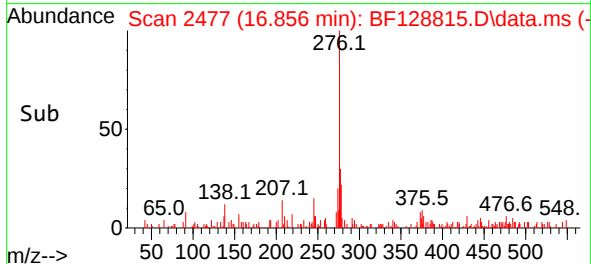
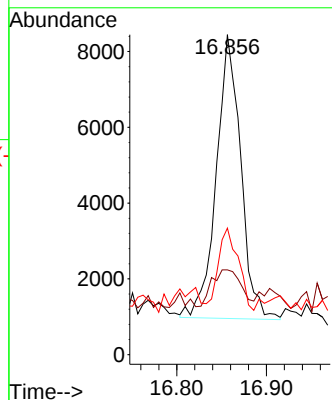
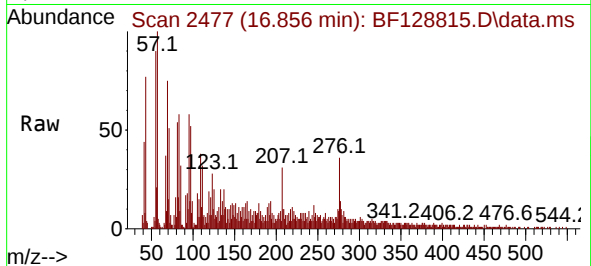




#87
Indeno(1,2,3-cd)pyrene
Concen: 2.051 ng
RT: 16.856 min Scan# 2488
Delta R.T. -0.006 min
Lab File: BF128815.D
Acq: 14 Jun 2022 22:43

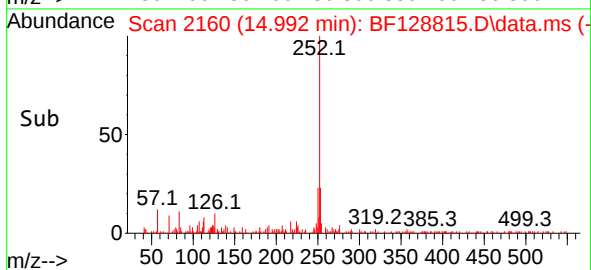
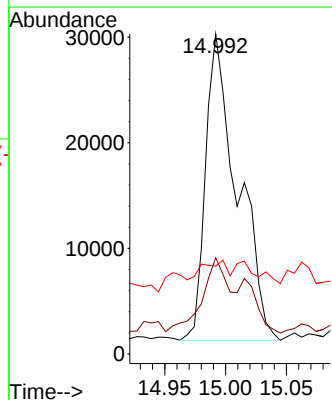
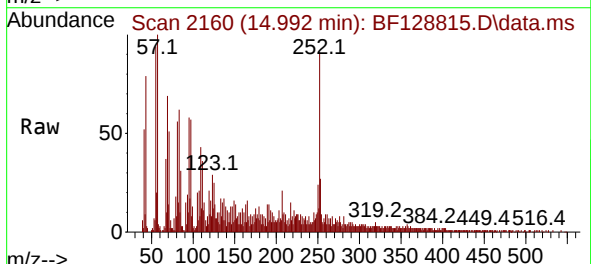
Instrument :
BNA_F
ClientSampleId :
BU-02-061022

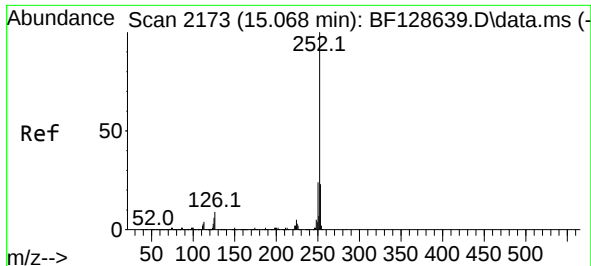
Tgt Ion:276 Resp: 14158
Ion Ratio Lower Upper
276 100
138 18.7 21.1 31.7#
277 23.5 20.3 30.5



#88
Benzo(b)fluoranthene
Concen: 7.221 ng
RT: 14.992 min Scan# 2160
Delta R.T. -0.000 min
Lab File: BF128815.D
Acq: 14 Jun 2022 22:43

Tgt Ion:252 Resp: 52850
Ion Ratio Lower Upper
252 100
253 30.0 17.7 26.5#
125 27.4 8.0 12.0#

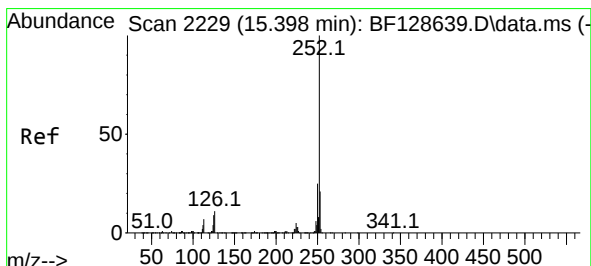
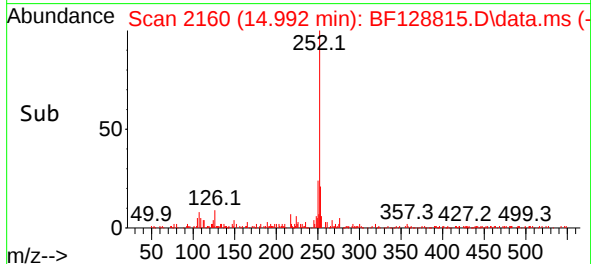
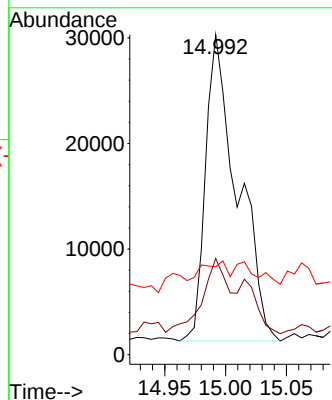
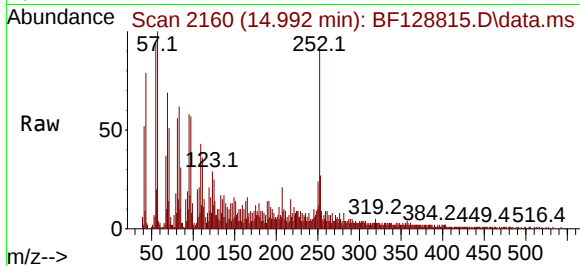




#89
Benzo(k)fluoranthene
Concen: 7.676 ng
RT: 14.992 min Scan# 2173
Delta R.T. -0.035 min
Lab File: BF128815.D
Acq: 14 Jun 2022 22:43

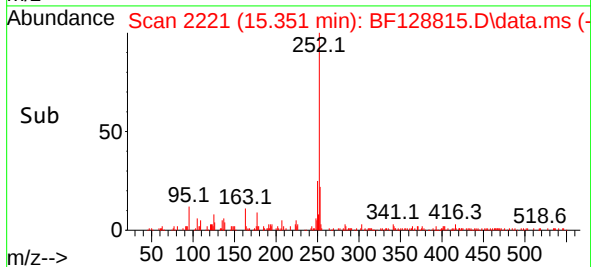
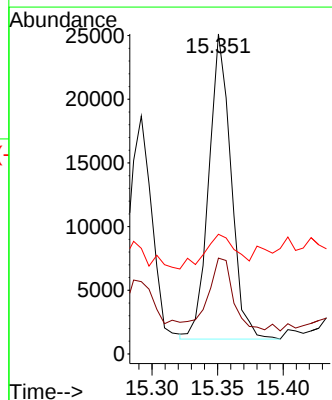
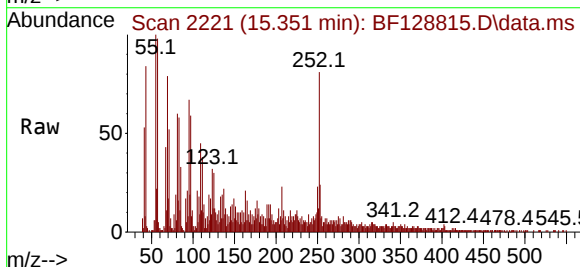
Instrument :
BNA_F
ClientSampleId :
BU-02-061022

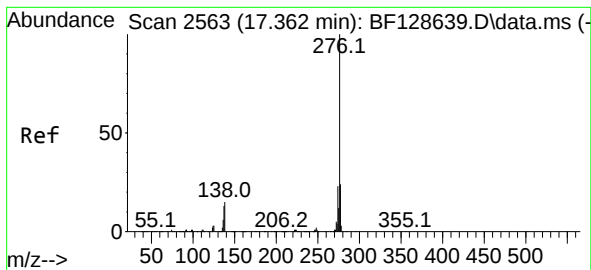
Tgt Ion:252 Resp: 52850
Ion Ratio Lower Upper
252 100
253 30.0 17.8 26.6#
125 27.4 8.3 12.5#



#90
Benzo(a)pyrene
Concen: 4.905 ng
RT: 15.351 min Scan# 2221
Delta R.T. -0.006 min
Lab File: BF128815.D
Acq: 14 Jun 2022 22:43

Tgt Ion:252 Resp: 28215
Ion Ratio Lower Upper
252 100
253 29.9 17.0 25.6#
125 37.4 8.8 13.2#





#92

Benzo(g,h,i)perylene

Concen: 2.811 ng

RT: 17.298 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF128815.D

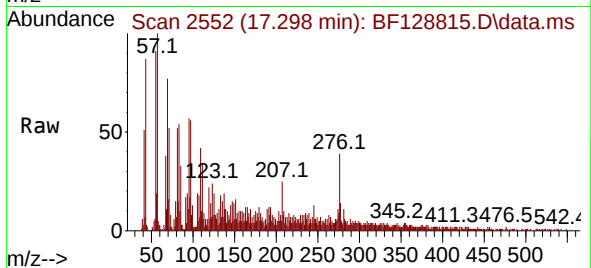
Acq: 14 Jun 2022 22:43

Instrument :

BNA_F

ClientSampleId :

BU-02-061022



Tgt Ion:276 Resp: 15951

Ion Ratio Lower Upper

276 100

277 36.3 19.1 28.7#

138 28.6 18.0 27.0#

